AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

FRANS BRUIN : DIRECTOR

HALIM HOURANI : OBSERVER

BEIRUT, LEBANON

Latitude : 33° 54' 22" N.

Longitude : 2^h 21^m 52^s . 7 E.

May - 1961

Jourdy Press — Tel. : 243010

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WEATHER BUREAU

MAY 1961

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. †...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.6	60.2	58.5	60.1	24.7	21.0	22.0	23.0	21.0	22.0
2	55.2	54.0	54.4	54.5	36.5	19.0	33.4	28.3	26.5	29.4
3	58.4	59.1	59.0	58.8	26.7	16.5	22.1	22.2	19.0	21.1
4	59.4	58.7	58.8	59.0	23.7	16.1	20.8	21.0	18.5	20.1
5	57.7	56.5	56.7	57.0	23.9	16.4	20.8	21.6	18.0	20.1
6	55.6	54.3	55.5	55.1	23.0	16.5	22.0	22.0	18.0	20.7
7	55.8	56.4	57.6	56.6	23.0	14.5	20.5	20.0	16.0	18.8
8	58.7	59.1	60.4	59.4	22.0	16.7	19.1	20.2	18.0	19.1
9	61.7	61.9	63.0	62.2	22.9	18.0	20.6	20.7	19.0	20.1
10	62.1	60.5	59.2	60.6	21.8	19.1	20.1	20.8	20.5	20.5
11	57.8	56.8	57.1	57.2	27.4	20.9	21.9	25.7	24.0	23.9
12	58.7	57.3	59.9	58.6	27.1	20.0	22.6	25.6	21.0	23.1
13	59.6	58.8	57.6	58.7	26.1	21.1	22.6	23.5	22.0	22.7
14	57.9	58.3	60.1	58.8	31.2	20.8	25.5	30.0	25.0	26.8
15	63.1	64.3	64.5	64.0	25.4	16.8	23.0	24.2	19.5	22.2
16	64.3	64.0	63.7	64.0	25.4	17.2	22.1	23.8	19.5	21.8
17	62.4	61.1	60.8	61.4	23.5	18.4	21.7	23.0	20.0	21.6
18	59.2	58.3	57.9	58.5	23.7	19.2	22.2	22.5	20.5	21.7
19	58.9	59.1	60.2	59.4	24.7	18.6	22.0	23.8	20.0	21.9
20	61.3	61.4	61.3	61.3	25.7	20.0	22.8	25.0	20.5	22.8
21	60.8	59.4	58.4	59.5	25.3	20.4	24.0	24.5	22.0	23.6
22	58.0	57.4	57.2	57.5	26.0	19.8	24.0	24.0	22.0	23.3
23	59.3	59.8	60.4	59.8	26.0	18.8	23.4	25.0	20.5	23.0
24	61.1	61.1	61.3	61.2	26.2	19.7	24.5	25.0	21.0	23.5
25	60.9	59.0	57.0	59.0	28.7	21.7	25.3	27.2	22.1	24.9
26	56.3	57.8	58.7	57.6	27.1	20.1	25.2	25.4	21.5	24.0
27	59.8	59.8	60.2	59.9	26.2	19.2	23.5	25.0	21.4	23.3
28	61.2	60.5	60.3	60.7	26.5	19.9	23.7	25.2	21.2	23.4
29	58.3	57.9	57.4	57.9	27.6	21.9	24.1	26.4	22.5	24.3
30	57.6	56.4	53.0	55.7	30.5	22.5	26.5	30.0	28.3	28.3
31	54.4	55.2	55.1	54.9	30.0	23.6	26.8	27.4	25.0	26.4
	59.26	58.85	58.88	59.00	26.08	19.17	23.19	24.26	21.10	22.85

Barometer, range 764.5 mm — 753.0 mm
» 71-yrs. average 759.50 mm.
Thermometer, range 36.5 °C — 14.5 °C
« 82-yrs. average 21.8 °C
Rain. total for month 15.65 mm
« 82-yrs. average for month 17.3 mm
« total from Sept. 1st. 848.44 mm
« 82-yrs. average from Sept. 1st. 888.74 mm

MAY 1961

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapour Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kmsr	m m
1	17.4	19.6	19.2	18.7	66	70	76	71	11.1	95	
2	7.7	15.8	11.0	11.5	16	40	28	28	7.0	121	
3	18.3	17.6	16.5	17.5	70	66	76	71	6.3	349	
4	15.6	15.4	15.9	15.6	63	62	75	67	7.1	153	
5	15.2	16.1	15.3	15.5	62	63	75	67	6.4	140	
6	16.2	12.6	13.7	14.2	62	48	67	59	7.4	195	
7	13.7	17.0	14.0	14.9	56	73	77	69	4.7	232	2.20
8	17.4	18.9	16.9	17.7	79	79	82	80	1.8	179	13.45
9	17.7	17.9	17.7	17.8	73	73	81	76	10.3	142	
10	16.7	20.2	18.5	18.5	71	82	76	76	12.6	264	
11	22.6	24.2	18.0	21.6	86	73	61	73	6.1	116	
12	22.2	22.6	21.7	22.2	81	69	87	79	7.5	246	
13	22.2	23.6	19.2	21.7	81	81	72	78	9.1	84	
14	21.4	21.3	16.7	19.8	65	50	53	56	8.6	90	
15	21.1	16.9	15.6	17.9	75	56	68	66	11.7	248	
16	15.2	17.3	18.4	17.0	57	59	81	66	12.0	158	
17	18.8	19.6	18.6	19.0	72	70	79	74	12.9	98	
18	18.5	18.0	20.6	19.0	70	66	85	74	12.5	174	
19	20.6	19.0	20.1	19.9	77	65	86	76	10.5	116	
20	21.3	20.9	20.6	20.9	77	66	85	76	12.2	130	
21	22.5	21.8	23.1	22.5	76	71	87	78	11.6	111	
22	24.9	22.5	21.9	23.1	83	76	82	80	11.1	116	
23	20.7	19.4	17.6	19.2	71	62	73	69	11.9	220	
24	20.8	21.2	20.5	20.8	68	67	82	72	12.5	340	
25	13.2	18.0	20.5	17.2	41	50	77	56	12.0	203	
26	22.9	22.2	18.0	21.0	72	68	70	70	11.4	301	
27	18.2	20.5	20.1	19.6	63	65	78	69	10.6	315	
28	18.7	21.2	19.5	19.8	64	66	76	69	11.8	304	
29	16.4	15.2	13.0	14.9	54	44	47	48	9.9	272	
30	15.3	12.3	12.6	13.4	44	29	32	35	7.8	233	
31	21.1	24.0	19.4	21.5	60	66	62	63	2.9	233	
	18.53	19.12	17.88	18.51	66.3	63.7	72.1	67.4	9.40	192.84	0.50

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric date from reading of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M. O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20.30 for the preceding 24 hours.
71 year averages are for period. 1875 - 1943

MAY 1961

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	5st-ci	1.7	1sw	1ne	1ne	light	H; a.m.
2	10ci	10st-ci	4ci	8.0	3e	3ne	0	,,	Hot wind
3	0	10st	8cu-st	6.0	4sw	4sw	1sw	,,	
4	0	10st	4st	4.7	4sw	4w	1sw	,,	
5	5ci	10st	5st-ci	6.7	4sw	3sw	1sw	,,	
6	5st-ci	6cu-st	0	3.7	2sw	2sw	3sw	light	
7	8cu-st	10cu-st	3ci	7.0	3sw	3sw	2sw	,,	
8	10st	10st	0	6.7	3sw	4sw	1sw	,,	
9	1cu	0	0	0.3	3sw	3ne	1ne	,,	
10	0	0	0	0.0	3ne	4ne	1ne	,,	
11	0	10st	10st	6.7	3sw	2sw	3sw	light	H; a.m.p.m.; Tracepm
12	0	0	0	0.0	4sw	3sw	0	,,	H: a.m. D; p.m
13	7ci	10st-ci	0	5.7	3w	2sw	1sw	,,	D; p.m.
14	0	10ci	0	3.3	1sw	1sw	1sw	,,	H; a.m.
15	1ci	0	7cu-st	2.7	4sw	4sw	2sw	,,	
16	0	0	5cu	1.7	3sw	3sw	1sw	light	
17	0	0	0	0.0	3sw	3n	1sw	,,	
18	0	0	0	0.0	2n	3ne	2ne	,,	
19	2st	0	0	0.7	2w	3w	1sw	,,	
20	2st	0	0	0.7	3sw	3sw	1sw	,,	
21	1ci-st	3ci	0	1.3	1sw	1ne	1ne	light	D; p.m.
22	0	0	0	0.0	2ne	4ne	1ne	,,	
23	0	0	0	0.0	4sw	3sw	3sw	,,	
24	0	0	0	0.0	3sw	2sw	1sw	,,	
25	7ci	0	0	2.3	3sw	4sw	1sw	,,	
26	0	4st	0	1.3	5sw	5sw	3sw	slight	
27	1st	5cu-st	7cu-st	4.3	4sw	2sw	2ws	,,	
28	0	1st	0	0.3	3sw	3sw	2sw	,,	
29	0	5ci	5cu-st	3.3	4sw	3sw	2sw	,,	
30	0	3ci-st	2cu-st	1.7	4sw	4sw	1sw	,,	
31	10ci-st	9ci-st	2cu-st	7.0	2sw	4sw	3sw	,,	H; a.m. p.m.
				2.83					

Abbreviation : G = gale ; H = haze ; M = mist ; T = Thunderstorm ; D = dew
W = strong wind ; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	2	1	0	0	25	2	0	0	31
14:30	1	7	0	0	0	21	2	0	0	31
20:30	0	6	0	0	0	23	0	0	2	31
Total	2	15	1	0	0	69	4	0	2	93

Number of days with rain 2, fog 0, Thunderstorms 0, gale 0

71-yrs. average number of days with rain during month 3.08